Wednesday, 5/23/2007 3:24:49 PM

User:

**Process Sheet** 

Customer

: CU-DAR001 Dart Helicopters Services

Type

Job Number : 32476

**Estimate Number** 

: 10752

P.O. Number

: NIA

: 5/23/2007 This Issue

Prsht Rev. First Issue : 31072

Previous Run

Written By

Checked & Approved By

Comment

New issue KJ/JLM : Est Rev:A

: MACHINED PARTS

**Drawing Name** 

: CROSSBOLT SPACER

Part Number

**Drawing Number** 

: D32751 · D3275 REV A1

Project Number

**Drawing Revision** 

**Material Due Date**  : N/A

: 6/10/2007

Each

**Additional Product** 

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

M6061T6T03125W058

ALUM, SEAMLESS TUBE

Comment: Qty.:

0.2799 f(s)/Unit Total:

55.9860 f(s)

Material: 6061-T6 (QQ-A-200/8 or QQ-A-225/8) Ø0.313" x 0.058" wall

(M6061T6T0.3125W.058)I dentify as D3275-1

HARDINGE CNC LATHE SMALL



DJP 07/05/26

Comment: HARDINGE CNC LATHE SMALL

1-Turn as per Folio FA469 and Dwg D3275

INSPECT PARTS AS THEY COME OFF MACHINI





Comment: INSPECT PARTS AS THEY COME OFF MACHINE







4.0

3.0

QC8

QC2





Comment: SECOND CHECK

PACKAGING RESOURCE #1

164

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:\_



MS

## **Dart Aerospace Ltd**

| W/O:    |            | WORK ORDER C           | WORK ORDER CHANGES |                                       |             |                                     |                          |  |
|---------|------------|------------------------|--------------------|---------------------------------------|-------------|-------------------------------------|--------------------------|--|
| DATE    | STEP       | PROCEDURE CHANGE       | Ву                 | Date                                  | Qty         | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |
|         |            |                        |                    |                                       |             |                                     |                          |  |
|         |            |                        |                    | · · · · · · · · · · · · · · · · · · · |             |                                     |                          |  |
| .102    |            |                        |                    |                                       |             |                                     |                          |  |
|         |            |                        |                    |                                       |             |                                     |                          |  |
| Part No | ) <b>:</b> | PAR #: Fault Category: | NCR: Yes           | Mo DQ                                 | A: <u>E</u> | Date: ∠                             | 2105/28                  |  |

QA: N/C Closed: \_\_\_\_ Date: \_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                      |                              |                |                           |                       |                          |  |  |
|------|------|----------------------------------|----------------------|------------------------------|----------------|---------------------------|-----------------------|--------------------------|--|--|
|      |      | Description of NC                |                      | Corrective Action Section E  | <u>.</u>       | V - 161 - 41              |                       | A                        |  |  |
| DATE | STEP | Section A                        | Initial<br>Chief Eng | Action Description Chief Eng | Sign &<br>Date | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |
| _    |      |                                  |                      |                              |                |                           |                       | =                        |  |  |
|      |      |                                  |                      |                              |                |                           |                       |                          |  |  |

NOTE: Date & initial all entries

Date:

Wednesday, 5/23/2007 3:24:49 PM

User:

Kim Johnston

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CROSSBOLT SPACER

Job Number: 32476

Seq. #:

Job Number:

Machine Or Operation:

Description:

Part Number: D32751

6.0

QC21



FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



Cr 57.05.28

## **Dart Aerospace Ltd**

| W/O:    |      | WORK ORDER CHANGES       | WORK ORDER CHANGES |           |     |                                     |                        |  |
|---------|------|--------------------------|--------------------|-----------|-----|-------------------------------------|------------------------|--|
| DATE    | STEP | PROCEDURE CHANGE         | Ву                 | Date      | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approva<br>QC Inspecto |  |
|         |      |                          |                    |           |     |                                     |                        |  |
|         |      |                          |                    |           | _   |                                     |                        |  |
|         |      |                          |                    |           |     |                                     |                        |  |
| Part No |      | PAR #: Fault Category: N | ICR: Yes           | No DQ     | A:  | Date:                               |                        |  |
|         |      |                          | QA:                | N/C Close | d:  | _ Date: _                           |                        |  |

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                      |                              |                |              |                       |                          |  |
|------|------|----------------------------------|----------------------|------------------------------|----------------|--------------|-----------------------|--------------------------|--|
|      |      | Description of NC                |                      | Corrective Action Section E  |                | Verification | Annroyal              | Annrossal                |  |
| DATE | STEP | Section A                        | Initial<br>Chief Eng | Action Description Chief Eng | Sign &<br>Date | Section C    | Approval<br>Chief Eng | Approval<br>QC Inspector |  |
|      |      |                                  |                      |                              |                |              |                       |                          |  |
|      |      |                                  |                      |                              |                | !            |                       |                          |  |
|      |      |                                  |                      |                              |                |              |                       |                          |  |
|      |      |                                  |                      |                              |                |              |                       |                          |  |
|      |      |                                  |                      |                              |                |              |                       |                          |  |
|      |      |                                  |                      |                              |                |              |                       |                          |  |
|      |      |                                  |                      |                              |                |              |                       |                          |  |
|      |      |                                  |                      |                              |                |              |                       |                          |  |
| •    |      |                                  |                      |                              |                |              |                       |                          |  |

NOTE: Date & initial all entries

| DART AEROSPACE LTD            | Work Order:  | 32476       |
|-------------------------------|--------------|-------------|
| Description: Crossbolt Spacer | Part Number: | D3275-1     |
| Inspection Dwg: D3275 Rev: A1 |              | Page 1 of 1 |

## FIRST ARTICLE INSPECTION CHECKLIST

| Х | First Article |  | Prototype |
|---|---------------|--|-----------|
|---|---------------|--|-----------|

| Drawing<br>Dimension | Tolerance                    | Actual<br>Dimension | Accept | Reject | Method of<br>Inspection | Comments |
|----------------------|------------------------------|---------------------|--------|--------|-------------------------|----------|
| 3.180                | +/-0.010                     | 3.1825              |        |        |                         |          |
| 0.025 - 0.030        | N/A                          | .025                | /      |        |                         |          |
| 45°                  | +/-0.01°                     | 450                 | /      |        |                         |          |
| Ø0.313               | +0.010/-0.005                | 0,312               |        |        |                         |          |
| Ø0.197               | .+0.005/-0.000               | 0.197               | /      |        |                         |          |
| 0.058                | Max = 0.0605<br>Min = 0.0555 | 0.197               |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        | LIMA .                  |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      | ,                            |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      | 4.                           |                     |        |        | M41.44.45.110           |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              | <del>-</del> ·      |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |
|                      |                              |                     |        |        |                         |          |

| Measured by: DIP / Sink | Audited by: | JIL      | Prototype Approval: | N/A |
|-------------------------|-------------|----------|---------------------|-----|
| Date: 07/05/26          | Date:       | 57/05/26 | Date:               | N/A |

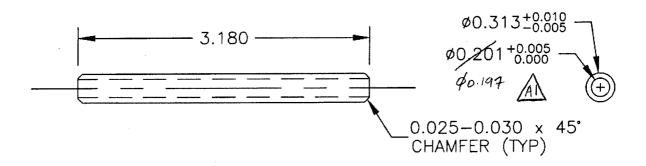
| Ì | Rev | Date     | Change                      | Revised by | Approved |
|---|-----|----------|-----------------------------|------------|----------|
|   | Α   | 04.10.19 | New Issue                   | KJ/JLM 1,A |          |
|   | В   | 06.03.09 | Dimension Ø0.197 was Ø0.201 | KJ/JLM 🚓   |          |
|   |     |          |                             |            |          |





|   | DESIG | P    | DRAWN BY | DART AEROSPACE    |              |
|---|-------|------|----------|-------------------|--------------|
| Ì | CHECK | ED A | APPROVED | DRAWING NO.       | REV. A       |
| l |       | 4    | 1        | D3275             | SHEET 1 OF 1 |
| Ì | DATE  | ·    | A        | TITLE             | SCALE        |
|   | 04.0  | 3.10 |          | CROSS BOLT SPACER | 1:1          |
| Ī | Α     | i.l  | 04.03.10 | NEW ISSUE         |              |
| 1 | AL    | cel  | 04.10.19 | CHANGE MAT'L SPEC |              |

RELEASED W.do. 222



## D3275-1 CROSS BOLT SPACER

1) MATERIAL: 6061-T6 (QQ-A-200/8 OR QQ-A-225/8)
(REF DART SPEC. M6061T6T0:313W.058

2) TOLERANCÈS ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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WITHOUT NOTICE

WORK ORDER

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